



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/918,219	07/30/2001	Michael W. Hansen	SAR 14035	2151
28581	7590	11/23/2005	EXAMINER	
DUANE MORRIS LLP			VU, THONG H	
PO BOX 5203			ART UNIT	
PRINCETON, NJ 08543-5203			PAPER NUMBER	
			2142	
DATE MAILED: 11/23/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/918,219

Applicant(s)

HANSEN ET AL.

Examiner

Thong H. Vu

Art Unit

2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 July 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>1/02</u> . | 6) <input type="checkbox"/> Other: _____ |

1. Claims 1-30 are pending.
2. This application claims benefit of 09/22/2000.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Christofferson et al [6,807,563 B1] in view of Yen et al [Yen 6,724,918 B1] and further in view of Russin et al [Russin 6,831,667 B1].

3. As per claim 1, Christofferson discloses A method of capturing (extracting) and distributing media content through a computer network [Christofferson, automatic teleconferencing control system, abstract], comprising the steps of:

comparing a plurality of clips of media content captured with at least one capture system against a set of trigger criteria, said trigger criteria defining at least one type of media content which is to be transmitted to a distribution system [Christofferson, the bridge analyzer comprises a variety of trigger functions including comparisons the media flows, col 5 lines 5-28];

identifying clips from said plurality of clips which satisfy said trigger criteria [Christofferson, identifying trigger criteria, col 10 lines 10-30];

transmitting said identified clips to said distribution system through said computer network [Christofferson, LAN,WAN, col 3 lines 18-44];

However Christofferson does not detail

“combining a plurality of said clips into a (micro) channel stream, each of said combined clips being associated with criteria from said trigger criteria that overlap at least a portion of (micro) channel criteria, said (micro) channel criteria defining at least one type of media content to be included in said (micro) channel stream; and transmitting said (micro) channel stream to at least one client through said computer network.

Yen discloses a system and method for indexing, accessing and retrieving Audio/video with concurrent sketch activity wherein the media information is defined in correlation and overlap with each other and trigger an automated combining of correlated information [Yen, col 8 lines 24-39]

Therefore it would have been obvious to an ordinary skill in the art at the time the invention was made to incorporate the combining media information with trigger criteria that overlap with each other as taught by Yen into the Christofferson's apparatus in order to utilize the trigger criteria function. Doing so would provide a method in a form that allows it to be accessed by a number of clients via Internet [Yen col 4 lines 5-9].

However Christofferson-Yen does not detail the microchannel to transport the media stream. It was well-known in the art that the data processing system employs the bus architectures such as Micro channel to improve the service performance of the multimedia formats via Internet [Russin, col 4 line 31; col 5 lines 30-64]

Therefore it would have been obvious to an ordinary skill in the art at the time the invention was made to incorporate the combining the microchannel with multimedia

formats as taught by Russin into the Christofferson-Yen apparatus in order to expand one or more section of a web page in multiple display modes with a minimum of traffic [Russin, col 1 lines 45-50].

4. As per claim 2, Christofferson-Yen-Russin disclose subscribing each of said at least one capture system to said distribution system [Christofferson, the bridge analyzer comprises a variety of trigger functions including comparisons the media flows, col 5 lines 5-28].

5. As per claim 3, Christofferson-Yen-Russin disclose receiving with said distribution system data identifying each of said at least one capture system and data identifying trigger capabilities for each of said at least one capture system [Christofferson, the bridge analyzer comprises a variety of trigger functions including comparisons the media flows, col 5 lines 5-28].

6. As per claim 4, Christofferson-Yen-Russin disclose transmitting at least one set of triggers for said at least one capture system from said distribution system through said computer network to said at least one capture system in order to direct said at least one capture system to transmit clips of media content of a type identified by said at least one set of triggers [Christofferson, the bridge analyzer comprises a variety of trigger functions including comparisons the media flows, col 5 lines 5-28].

7. As per claim 5, Christofferson-Yen-Russin disclose transmitting said at least one set of triggers is in response to a need for new media content to populate a microchannel [Russin, micro channel col 4 line 31; multimedia formats, col 5 lines 30-64].

8. As per claim 6, Christofferson-Yen-Russin disclose transmitting said at least one set of triggers is in response to a request received from said client [Christofferson, the bridge analyzer comprises a variety of trigger functions including comparisons the media flows, col 5 lines 5-28].

9. As per claim 7, Christofferson-Yen-Russin disclose transmitting advertisements within said microchannel stream [Russin, micro channel col 4 line 31; multimedia formats, col 5 lines 30-64].

10. As per claim 8, Christofferson-Yen-Russin disclose advertisements are transmitted proximate in time to clips of media content related to said advertisements [Russin, micro channel col 4 line 31; multimedia formats, col 5 lines 30-64].

11. As per claim 9, Christofferson-Yen-Russin disclose said trigger criteria include an occurrence of an event, a characteristic of said event, a characteristic associated with said at least one capture system, or a combination thereof [Christofferson, the bridge analyzer comprises a variety of trigger functions including comparisons the media flows,

col 5 lines 5-28].

12. As per claim 10, Christofferson-Yen-Russin disclose said clips are video clips, still image clips, mosaic clips, audio clips or a combination thereof [Russin, micro channel col 4 line 31; multimedia formats, col 5 lines 30-64].

13. As per claim 11, Christofferson-Yen-Russin disclose said event includes an appearance of an object in a scene, a disappearance of an object in a scene, motion of an object in a scene, or combination thereof, and said characteristic of said event includes a time said event occurred, a location of a capture system, a type of content being captured by a capture system, a description of said event, a size of an object in a scene, a type of an object in a scene, a color of an object in a scene, a texture of an object in a scene, a direction of motion of an object in a scene, or a combination thereof [Russin, micro channel col 4 line 31; multimedia formats, col 5 lines 30-64].

14. As per claim 12, Christofferson-Yen-Russin disclose said client is a web server that transmits a web page including said microchannel [Yen, web apge, col 14 line 62], said method further comprising the steps of charging a monetary fee for transmitting said microchannel stream to said web server over a period of time, identifying any capture systems which provided clips that were included within the microchannel stream served over said period of time, and crediting operators of said identified capture systems a proportional amount of said monetary fee, said proportional amount

determined at least in part by the proportion of the total microchannel stream provided by each of said identified capture systems over said period of time [Russin, micro channel col 4 line 31; multimedia formats, col 5 lines 30-64].

15. As per claim 13, Christofferson-Yen-Russin disclose storing said transmitted clips in a database along with data identifying a respective capture system which transmitted each of said transmitted clips and data identifying respective criteria from said trigger criteria which each of said clips satisfied [Christofferson, database, col 4 lines 10].

16. As per claim 14, Christofferson-Yen-Russin disclose receiving a query from a client to search said database for clips having identified criteria, identifying at least one clip satisfying said query, and transmitting said at least one clip satisfying said query to said client through said computer network [Christofferson, database, col 4 lines 10].

17. As per claim 15, Christofferson-Yen-Russin disclose said identified criteria is selected from microchannel criteria defining a microchannel transmitted to said client [Russin, micro channel col 4 line 31; multimedia formats, col 5 lines 30-64].

18. As per claim 16, Christofferson-Yen-Russin disclose receiving with said distribution system an annotation regarding a clip within a transmitted microchannel stream and storing said annotation in said database [Christofferson, database, col 4

lines 10].

19. As per claim 17 contains the similar limitations set forth in claim 1. Therefore claim 17 is rejected for the same rationale set forth in claim 1.

20. As per claim 18, Christofferson-Yen-Russin disclose said distribution system further comprises a database [Christofferson, database, col 4 lines 10], said database including a plurality of clips received from said at least one capture system along with data identifying a capture system which transmitted each of said transmitted clips and data identifying criteria from said trigger criteria which identifies the media content of each of said clips, and wherein said microchannel creator creates said microchannel stream at least in part from clips in said database [Russin, micro channel col 4 line 31; multimedia formats, col 5 lines 30-64].

21. As per claim 19, Christofferson-Yen-Russin disclose a viewer database query and access system, said query and access system identifying at least one clip from said database in response to a query identifying search criteria and received from a client, said query and access system transmitting said at least one clip to said client through said computer network [Christofferson, database, col 4 lines 10].

22. As per claim 20, Christofferson-Yen-Russin disclose said search criteria is selected from said microchannel criteria [Russin, micro channel col 4 line 31].

23. As per claim 21, Christofferson-Yen-Russin disclose a channel arbitrator, said channel arbitrator communicating with each of said at least one capture system to subscribe said at least one capture system to said distribution system, said channel arbitrator receiving data identifying said at least one capture system and data identifying trigger capabilities of said at least one capture system [Christofferosn, bridge analyzer, Fig 2].

24. As per claim 22, Christofferson-Yen-Russin disclose said channel arbitrator communicates with said at least one capture system to reconfigure said set of at least one trigger defined for said at least one capture system [Christofferosn, bridge analyzer, Fig 2].

25. As per claim 23, Christofferson-Yen-Russin disclose said channel arbitrator reconfigures said set of at least one trigger in response to a need of said at least one microchannel creator for clips of new media content [Christofferosn, bridge analyzer, Fig 2].

26. As per claim 24, Christofferson-Yen-Russin disclose said channel arbitrator reconfigures said set of at least one trigger in response to a request received from a

client [Christofferson, bridge analyzer, Fig 2].

27. As per claim 25, Christofferson-Yen-Russin disclose said at least one microchannel creator retrieves advertisements from a database and provides said advertisements within said microchannel stream [Russin, micro channel col 4 line 31; multimedia formats, col 5 lines 30-64].

28. As per claims 26,27 contain the similar limitations set forth in claims 9,10. Therefore claims 26,27 are rejected for the same rationale set forth in claims 9,10.

29. As per claim 28, Christofferson-Yen-Russin disclose said event includes an appearance of an object in a scene, a disappearance of an object in a scene, motion of an object in a scene, or combination thereof, and said characteristic of said event includes a time said event occurred, a location of a capture system, a type of content being captured by a capture system, a description of said event, a size of an object in a scene, a type of an object in a scene, a color of an object in a scene, a texture of an object in a scene, a direction of motion of an object in a scene, or a combination thereof [Christofferson, avatar, col 4 lines 50 et seq].

30. As per claim 29, Christofferson-Yen-Russin disclose at least one client which is a web server [Christofferson, web site, col 4 lines 57].

Art Unit: 2142

31. As per claim 30, Christofferson-Yen-Russin disclose said web server transmits a web page including said microchannel [Yen, web apge, col 14 line 62], said distribution system further comprising means for identifying any of said at least one capture system which provided clips that were included within a microchannel stream transmitted over a period of time to said web server and means for identifying a proportion of said total microchannel stream provided by each of said identified at least one capture system over said period of time [Russin, micro channel col 4 line 31; multimedia formats, col 5 lines 30-64].

Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner *Thong Vu*, whose telephone plurality is (571)-272-3904. The examiner can normally be reached on Monday-Thursday from 6:00AM- 3:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *Andrew Caldwell*, can be reached at (571) 272-3868. The fax plurality for the organization where this application or proceeding is assigned is 571-273-8300

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval IPAIRI system. Status information for published applications may be obtained from either Private PMR or Public PMR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thong Vu
Primary Examiner
Art Unit 2142

A handwritten signature in black ink, appearing to read 'Thong Vu', with a horizontal line underneath.